



Range Setup



Phantom Run Range Capabilities



Name/Code	PHTMRN
Location	PV 263460
Roll On/ Roll Off	Yes
Range Tower	Yes
Range designed for:	Crew / Platoon MILES Training Course
Weapons	M1 series tank M2/3 Bradley Avenger vehicles Scout vehicles / HMMWVs
Ammunition	R102- Artillery Simulator R111- .50 Cal Blank R112- 7.62 mm Blank R113- 5.56 mm Blank R118- MILES / Laser
Telephone Service	Yes
Lanes	4
Firing Boxes	7
Battle Positions	12
Targetry	AMTC-2, ATM-28, ITM- 15 clusters of seven, 2 clusters of three

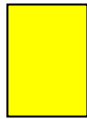


Range Layout



Map not to Scale

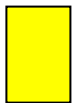
Range Control
Maint Shed



Proposed
Orders / IPB
Briefing Area



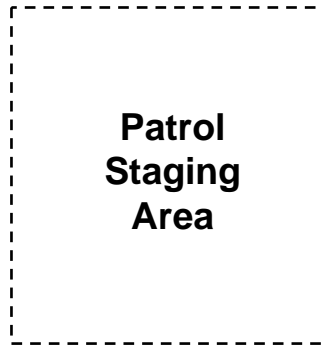
C2 / Storage
Shed



Range Tower



HET Site
Staging Area



Patrol
Staging
Area



IED Static
Display

Unit Debrief
AAR
Area

IED "Walk" Lane

Unit Admin Area
(Weapons, Ammo, Rations etc)

Access Roads to Phantom Run Lanes



Equipment Requirements



Lane Facilities:

- 1 Briefing/AAR Facility w/ Sand Table
- 1 Interactive IED Static Display
- 1 100-200 Meter SA Lane
- 1 Patrol Marshalling Area
- 4 Routes (up and back) ~ 5 km

Training Aids:

- 1 Village (~ 12 buildings) w/ Roundabout
- 36-48 Personnel Silhouettes in Village (T)
- Furniture (T)
- Village Signage (T)
- 2 Village Arches (T)
- 2 Mock Trestle Bridge Overpasses (T)
- 12 Vendor Stands
- 8 100m Stretches of Asphalt Road (T)
- 16 Non-op Vehicles (T)
- 6 Drivable Vehicles/VBIEDs (T)
- 12-16 Road Signs (T)
- 20 Permanent Guard Rails (~100m)
- 10 Moveable Guard Rails
- 12-16 Moveable Silhouettes (T)
- 80 Tires (T)
- Assorted Junk/Trash

TADSS:

- 16 T-IED2
- 16 SCoPIS
- 4 PBIED Vest
- CREW2 Trainers
- 20 COB and OPFOR Attire (T)
- 8 Sets Inert, Non-Reactive IEDs
- Ammo, Simulators

Training Materials:

- Training Support Package
- OPORD (based on user unit)
- Exercise Rules of Engagement
- Maps
- 5/25/100 & 5C Card
- Joint CREW Handbook, GTA 90-10-047
- Debrief Cards
- MEDEVAC Cards



Range Set-up Highlights

- **HET Site / Staging Areas**
 - Must request Range Vehicle Passes if unit wants to park POVs
- **IED Static Display (Tent Hardstand Area)**
 - Training Area for discussion of IED components
 - Recommend 2 x NCOs to facilitate training
- **IED Walk Lane**
 - Designed for Squad / Patrol training for indicators for IEDs
 - Recommend 1 x NCO to facilitate training
- **O/C Manning**
 - Recommend use of a common reference guide (O/C Packet)
 - 2 O/Cs per 4 vehicle convoy
- **OPORD Brief**
 - Currently must set-up briefing area for patrol leadership to receive Order and IED IPB products
 - Recommend using Unit specified TACSOP formats

Proposed IED Locations for 2 Lane Set-up



MSR Phantom
(Route A)

Route Dawg
(Route B)